ELSEVIER

Brain Research 660 (1994) 357–359

BRAIN RESEARCH

Author Index

Abdouh, A., Despres, G. and Romand, R.
Histochemical and scanning electron microscopic studies of supernumerary hair cells in embryonic rat cochlea in vitro (660) 181
Akabayashi, A., Zaia, C.T.B.V., Gabriel, S.M., Silva, I., Cheung, W.K. and Leibowitz, S.F.
Intracerebroventricular injection of dibutyryl cyclic adenosine 3′,5′-monophosphate increases hypothalamic levels of neuropeptide Y (660) 323
Akiyama, K., see Ono, M. (660) 27
Albrecht, J., Bender, A.S. and Norenberg, M.D.
Ammonia stimulates the release of taurine from cultured astrocytes (660) 288
Ali, J.Y., see Smalheiser, N.R. (660) 309
Arendash, G.W., see Oestreicher, E. (660) 8
Armstead, W.M. and Kurth, C.D.
The role of opioids in newborn pig fluid percussion brain injury (660) 19
Aslan, N., see Onat, F. (660) 261

Beck, B., see Stricker-Krongrad, A. (660) 162
Bédard, P.J., see St-Pierre, J.A. (660) 255
Bender, A.S., see Albrecht, J. (660) 288
Bickford, P.C., see Gould, T.J. (660) 333
Bogdanov, M.B. and Wurtman, R.J.
Effects of systemic or oral ad libitum monosodium glutamate administration on striatal glutamate release, as measured using microdialysis in freely moving rats (660) 337
Bonavera, J.J., Sahu, A., Kalra, P.S. and Kalra, S.P.
Evidence in support of nitric oxide (NO) involvement in the cyclic release of prolactin and LH surges (660) 175
Bottone, A.E., see Van Dijk, G. (660) 96
Bouchaud, C., Chollat-Namy, A., Duserre, S. and Delamanche, I.S.
The role of nitric oxide in the neuropathology in soman intoxication (660) 249
Boyet, S., see Schroeder, H. (660) 144
Bredow, S., Kacsóh, B., Obál, Jr., F., Fang, J. and Krueger, J.M.
Increase of prolactin mRNA in the rat hypothalamus after intracerebroventricular injection of VIP or PACAP (660) 301
Brown, H.E., see Kow, L.-M. (660) 241
Burlet, C., see Stricker-Krongrad, A. (660) 162

Cheng, J.-F., see Singh, V.K. (660) 353
Cheung, W.K., see Akabayashi, A. (660) 323
Chikahisa, L., see Oyama, Y. (660) 154
Chikahisa, L., see Oyama, Y. (660) 158
Chollat-Namy, A., see Bouchaud, C. (660) 249
Chueh, S.-H., Kao, L.-S. and Liu, Y.-T.
Enhanced calcium signalling events in neuroblastoma × glioma hybrid NG108-15 cells after treatment with dibutyryl cyclic AMP (660) 81
Civenni, G., see Vezzani, A. (660) 138
Crusio, W.E., see Guillot, P.-V. (660) 167
Cummings, S., Hinds, D. and Young III, W.S.
Corticotropin-releasing factor mRNA increases in the inferior olivary complex during harmaline-induced tremor (660) 199

Damsma, G., see Nomikos, G.G. (660) 50
Delamanche, I.S., see Bouchaud, C. (660) 249
De Souza, E.B., see Takao, T. (660) 170
Despres, G., see Abdouh, A. (660) 181
Diana, G., see Sagratella, S. (660) 66
Domenici, M.R., see Sagratella, S. (660) 66
Dudek, F.E., see Hoffman, N.W. (660) 349
Dunn, A.J., see Oestreicher, E. (660) 8
Dunn-Meynell, A., Pan, S. and Levin, B.E.
Focal traumatic brain injury causes widespread reductions in rat brain norepinephrine turnover from 6 to 24 h (660) 88
Duserre, S., see Bouchaud, C. (660) 249

Evans, M.S., see Li, Y. (660) 232

Faingold, C.L., see Li, Y. (660) 232
Fang, J., see Bredow, S. (660) 301
Fibiger, H.C., see Nomikos, G.G. (660) 50
Fox, G.Q. and Kriebel, M.E.
Dynamic responses of presynaptic terminal membrane pools to electrical stimulation (660) 113
Fujii, J.T., see Lucaj, Z. (660) 1
Furukawa, K., see Oyama, Y. (660) 154
Furukawa, K., see Oyama, Y. (660) 158

Gabriel, S.M., see Akabayashi, A. (660) 323
Gatti, P.J., see Massari, V.J. (660) 275
Gonzalez-Lima, F. and Jones, D.
Quantitative mapping of cytochrome oxidase activity in the central auditory system of the gerbil: a study with calibrated activity standards and metal-intensified histochemistry (660) 34
Gören, Z., see Onat, F. (660) 261
Gould, T.J. and Bickford, P.C.
The effects of chronic treatment with *N*-tert-butyl-α-phenylnitrone on cerebellar noradrenergic receptor function in aged F344 rats (660) 333
Grant, S., see Kuo, H. (660) 57
Greenfield, S.A., see Hajós, M. (660) 216
Guillot, P.-V., Roubertoux, P.L. and Crusio, W.E.
Hippocampal mossy fiber distributions and intermale aggression in seven inbred mouse strains (660) 167

Hajós, M. and Greenfield, S.A.
Synaptic connections between pars compacta and pars reticulata neurones: electrophysiological evidence for functional modules within the substantia nigra (660) 216
Hamada, Y., Tamai, Y., Miyashita, E. and Kimura, A.
Evaluation of the functional connectivity in the nervous system using time dependent scatter diagrams (660) 209
Hammond, J.R., see Jones, K.W. (660) 104
Harik, S.I., see Mironov, V. (660) 73
Hashimoto, K., see Takao, T. (660) 170
Hatakeyama, Y., see Oyama, Y. (660) 158
Hengemihle, J., see Kuo, H. (660) 57
Hertz, L., see Huang, R. (660) 129
Hinds, D., see Cummings, S. (660) 199
Hoffman, N.W., Wuarin, J.-P. and Dudek, F.E.
Whole-cell recordings of spontaneous synaptic currents in medial preoptic neurons from rat hypothalamic slices: mediation by amino acid neurotransmitters (660) 349
Hritz, M.A., see Mironov, V. (660) 73
Huang, R. and Hertz, L.
Effect of anoxia on glutamate formation from glutamine in cultured neurons: de-

pendence on neuronal subtype (660) 129
Hudetz, A.G., see Mironov, V. (660) 73

Ingram, D.K., see Kuo, H. (660) 57
Itzhak, Y. and Norenberg, M.D.
Regulation of peripheral-type benzodiazepine receptors in cultured astrocytes by monoamine and amino acid neurotransmitters (660) 346

Johnson, T.A., see Massari, V.J. (660) 275
Jones, D., see Gonzalez-Lima, F. (660) 34
Jones, K.W., Rylett, R.J. and Hammond, J.R.
Effect of cellular differentiation on nucleoside transport in human neuroblastoma cells (660) 104

Kacsóh, B., see Bredow, S. (660) 301
Kalra, P.S., see Bonavera, J.J. (660) 175
Kalra, S.P., see Bonavera, J.J. (660) 175
Kao, L.-S., see Chueh, S.-H. (660) 81
Kimura, A., see Hamada, Y. (660) 209
Kinney, G.G., see Kocsis, B. (660) 341
Kocsis, B., Thinschmidt, J.S., Kinney, G.G. and Vertes, R.P.
Separation of hippocampal theta dipoles by partial coherence analysis in the rat (660) 341
Kow, L.-M., Brown, H.E. and Pfaff, D.W.
Activation of protein kinase C in the hypothalamic ventromedial nucleus or the midbrain central gray facilitates lordosis (660) 241
Koziel, V., see Schroeder, H. (660) 144
Kriebel, M.E., see Fox, G.Q. (660) 113
Krueger, J.M., see Bredow, S. (660) 301
Kuo, H., Grant, S., Muth, N., Hengemihle, J. and Ingram, D.K.
The correlation between neuron counts and optical density of NADPH-diaphorase histochemistry in the rat striatum: a quantitative study (660) 57
Kuroda, S., see Ono, M. (660) 27
Kurokawa, H., see Takao, T. (660) 170
Kurth, C.D., see Armstead, W.M. (660) 19

LaManna, J.C., see Mironov, V. (660) 73
Langley, D., see Pearce, B. (660) 329
Leibowitz, S.F., see Akabayashi, A. (660) 323
Leu, S.-J.C., see Singh, V.K. (660) 353
Levin, B.E., see Dunn-Meynell, A. (660) 88
Li, Y., Evans, M.S. and Faingold, C.L.
Inferior colliculus neuronal membrane and synaptic properties in genetically epilepsy-prone rats (660) 232
Liu, Y.-T., see Chueh, S.-H. (660) 81
Llewellyn-Smith, I.J., see Massari, V.J. (660) 275
Lookingland, K.J., see Wagner, E.J. (660) 319
Lowry, T., see Tanaka, K. (660) 192
Lucaj, Z. and Fujii, J.T.
Multiple subtypes of voltage-gated calcium currents in the Edinger–Westphal nucleus (660) 1

Massari, V.J., Johnson, T.A., Llewellyn-Smith, I.J. and Gatti, P.J.
Substance P nerve terminals synapse upon negative chronotropic vagal motoneurons (660) 275
Max, J.P., see Stricker-Krongrad, A. (660) 162
McMullen, N.T., Smelser, C.B. and Rice, F.L.
Parvalbumin expression reveals a vibrissa-related pattern in rabbit SI cortex (660) 225
Messali, S., see Vezzani, A. (660) 138
Mironov, V., Hritz, M.A., LaManna, J.C., Hudetz, A.G. and Harik, S.I.
Architectural alterations in rat cerebral microvessels after hypobaric hypoxia (660) 73
Miyashita, E., see Hamada, Y. (660) 209
Monno, A., see Vezzani, A. (660) 138
Moore, K.E., see Wagner, E.J. (660) 319
Musse, N., see Stricker-Krongrad, A. (660) 162
Muth, N., see Kuo, H. (660) 57

Nehlig, A., see Schroeder, H. (660) 144
Nicolas, J.P., see Stricker-Krongrad, A. (660) 162
Nishioka, T., see Takao, T. (660) 170
Nolte, A., see Schroeder, H. (660) 144
Nomikos, G.G., Zis, A.P., Damsma, G. and Fibiger, H.C.
Electroconvulsive shock increases interstitial concentrations of uric acid in the rat brain (660) 50
Norenberg, M.D., see Albrecht, J. (660) 288
Norenberg, M.D., see Itzhak, Y. (660) 346

Obál, Jr., F., see Bredow, S. (660) 301
Oestreicher, E., Sengstock, G.J., Riederer, P., Olanow, C.W., Dunn, A.J. and Arendash, G.W.
Degeneration of nigrostriatal dopaminergic neurons increases iron within the substantia nigra: a histochemical and neurochemical study (660) 8
Oktay, Ş., see Onat, F. (660) 261
Olanow, C.W., see Oestreicher, E. (660) 8
Onat, F., Aslan, N., Gören, Z., Özkutlu, U. and Oktay, Ş.
Reversal of hemorrhagic shock in rats by oxotremorine: the role of muscarinic and nicotinic receptors, and AV3V region (660) 261
Ono, M., Akiyama, K., Tsutsui, K. and Kuroda, S.
Differential changes in the activities of multiple protein kinase C subspecies in the hippocampal-kindled rat (660) 27
Oyama, Y., Furukawa, K., Chikahisa, L. and Hatakeyama, Y.
Effect of *N,N*-diethyldithiocarbamate on ionomycin-induced increase in oxidation of cellular 2′,7′-dichlorofluorescin in dissociated cerebellar neurons (660) 158
Oyama, Y., Tomiyoshi, F., Ueno, S., Furukawa, K. and Chikahisa, L.
Methylmercury-induced augmentation of oxidative metabolism in cerebellar neurons dissociated from the rats: its dependence on intracellular Ca^{2+} (660) 154
Özkutlu, U., see Onat, F. (660) 261

Pan, S., see Dunn-Meynell, A. (660) 88
Pearce, B. and Langley, D.
Purine- and pyrimidine-stimulated phosphoinositide breakdown and intracellular calcium mobilisation in astrocytes (660) 329
Pfaff, D.W., see Kow, L.-M. (660) 241
Popoli, P., see Sagratella, S. (660) 66

Rice, F.L., see McMullen, N.T. (660) 225
Riederer, P., see Oestreicher, E. (660) 8
Rizzi, M., see Vezzani, A. (660) 138
Romand, R., see Abdouh, A. (660) 181
Roubertoux, P.L., see Guillot, P.-V. (660) 167
Rylett, R.J., see Jones, K.W. (660) 104

Sagratella, S., Scotti de Carolis, A., Diana, G., Domenici, M.R. and Popoli, P.
Selective reduction of hippocampal dentate frequency-potentiation in striatally lesioned rats with impaired place learning (660) 66
Sahu, A., see Bonavera, J.J. (660) 175
Samanin, R., see Vezzani, A. (660) 138
Schroeder, H., Nolte, A., Boyet, S., Koziel, V. and Nehlig, A.
Short- and long-term effects of neonatal diazepam exposure on local cerebral glucose utilization in the rat (660) 144
Scotti de Carolis, A., see Sagratella, S. (660) 66
Sengstock, G.J., see Oestreicher, E. (660) 8
Silva, I., see Akabayashi, A. (660) 323
Simon, R.P., see Tanaka, K. (660) 192
Singh, V.K., Cheng, J.-F. and Leu, S.-J.C.
Effect of substance P and protein kinase inhibitors on β-amyloid peptide-induced proliferation of cultured brain cells (660) 353
Slaughter, M.M., see Tian, N. (660) 267
Smalheiser, N.R. and Ali, J.Y.
Acute neurite retraction triggered by lysophosphatidic acid: timing of the inhibitory effects of genistein (660) 309
Smelser, C.B., see McMullen, N.T. (660) 225
St-Pierre, J.A. and Bédard, P.J.
Intranigral but not intrastriatal microinjection of the NMDA antagonist MK-801 induces contralateral circling in the 6-OHDA rat model (660) 255
Steffens, A.B., see Van Dijk, G. (660) 96
Stricker-Krongrad, A., Max, J.P., Musse, N., Nicolas, J.P., Burlet, C. and Beck, B.
Increased threshold concentrations of neuropeptide Y for a stimulatory effect on food intake in obese Zucker rats — changes in the microstructure of the feeding behavior (660) 162
Strubbe, J.H., see Van Dijk, G. (660) 96

Takao, T., Tojo, C., Nishioka, T., Kurokawa, H., Takemura, T., Hashimoto, K. and De Souza, E.B.
Reciprocal modulation of corticotropin-releasing factor and interleukin-1 receptors following ether-laparotomy stress in the mouse (660) 170
Takemura, T., see Takao, T. (660) 170
Tamai, Y., see Hamada, Y. (660) 209
Tanaka, K., Lowry, T. and Simon, R.P.
Bilateral intranigral NMDA blockade increases status duration and neuronal injury from systemic kainic acid (660) 192
Thinschmidt, J.S., see Kocsis, B. (660) 341
Tian, N. and Slaughter, M.M.
Pharmacology of the $GABA_B$ receptor in amphibian retina (660) 267
Tojo, C., see Takao, T. (660) 170
Tomiyoshi, F., see Oyama, Y. (660) 154
Tsutsui, K., see Ono, M. (660) 27
Turek, F.W., see Wickland, C. (660) 293

Ueno, S., see Oyama, Y. (660) 154

Van Dijk, G., Bottone, A.E., Strubbe, J.H. and Steffens, A.B.
Hormonal and metabolic effects of paraventricular hypothalamic administration of neuropeptide Y during rest and feeding (660) 96
Vertes, R.P., see Kocsis, B. (660) 341
Vezzani, A., Civenni, G., Rizzi, M., Monno, A., Messali, S. and Samanin, R.
Enhanced neuropeptide Y release in the hippocampus is associated with chronic seizure susceptibility in kainic acid treated rats (660) 138

Wagner, E.J., Moore, K.E. and Lookingland, K.J.
Neurochemical evidence that AMPA receptor-mediated tonic inhibition of hypothalamic dopaminergic neurons occurs via activation of inhibitory interneurons (660) 319
Wickland, C. and Turek, F.W.
Lesions of the thalamic intergeniculate leaflet block activity-induced phase shifts in the circadian activity rhythm of the golden hamster (660) 293
Wuarin, J.-P., see Hoffman, N.W. (660) 349
Wurtman, R.J., see Bogdanov, M.B. (660) 337

Young III, W.S., see Cummings, S. (660) 199

Zaia, C.T.B.V., see Akabayashi, A. (660) 323
Zis, A.P., see Nomikos, G.G. (660) 50